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		loop UNE employed or ordered by AT&T.	are presumed to be acceptable for shared line deployment in accordance with FCC rules ("Advanced Services"), the frequency
		Digital Designed Loop - A metallic loop provisioned in accordance	range above the voice band on the same copper Loop required by
		with specific AT&T requirements that are provided on a case by case	AT&T to provide such services. This Agreement addresses line
		basis, typically involving conditioning or the removal of bridge taps,	sharing over loops that are entirely copper loops. The Parties do not
		load coils, etc.	intend anything in this Agreement to prejudice either AT&T's position
			that line sharing may occur on loops constructed of fiber optic cable.
		High Frequency Spectrum (HFS) The frequency range above the	digital loop carrier electronics, and copper distribution cable or
		traditional voiceband (e.g., 4000 Hz, on a continuous copper loop	Verizon's position that line sharing can only occur over copper loops
		facility that is used to transmit communications independently of	or copper sub-loops.
		transmissions in the low frequency range (e.g., 4000 Hz and below)	
		that may be simultaneously used for circuit switched voice band services.	140 (41) 0 100 110
		SCI FICES:	1.48 "Line Splitting" is an arrangement by which AT&T, at its
		Unless expressly stated herein, Line Sharing. Line Splitting and all	Collocation arrangement or the Collocation arrangement provided b Verizon to another CLEC, facilitates that CLEC's provision of ADSL
		associated terminology shall have the same meaning as in Verizon's	(in accordance with T1.413) or any other xDSL technology that is
		New York State tariffs and in the documentation describing the	presumed to be acceptable for shared line deployment in accordance
		operational processes to support line sharing and line splitting	with FCC rules, to a particular AT&T Customer over the high
		developed by, or in connection with, the DSL Collaborative	frequency range portion of an existing copper xDSL compatible Loop
		proceeding conducted under the auspices of the New York State	(i.e. compatible with an xDSL service that is presumed to be
		Department of Public Service ("DSL Collaborative") and operational	acceptable for shared line deployment in accordance with FCC rules
		agreements between AT&T and Verizon in New York (collectively the "New York DSL Process").	("data channel") provided by Verizon that is used simultaneously by
		New Tork Distribution).	AT&T to provide analog circuit-switched voice grade service to that
		Line Sharing - Use of the HFS of Verizon's local loop by AT&T or a	Customer through the provision of unbundled Local Switching.
		third party CLEC to provide Advanced Services to customers when	
		Verizon simultaneously provides the customer's retail local voice	
		service in the low frequency spectrum of the same local loop.	11.2.17 Line Sharing. To the extent required by Applicable
			Law, Verizon shall provide Line Sharing to AT&T for AT&T's
		Line Splitting Simultaneous use of both the low frequency spectrum	provision of ADSL (in accordance with T1.413), Splitterless ADSL (in
		and high frequency spectrum of a single loop by AT&T when Verizon	accordance with T1.419), RADSL (in accordance with TR # 59), MVI
		does not provide the customer's retail local service using the low	(a proprietary technology), or any other xDSL technology that is
		frequency spectrum. AT&T, using its own facilities or the UNEs of Verizon, provides services in the low frequency spectrum. Services in	presumed to be acceptable for shared line deployment in accordance
		the high frequency spectrum may be provided by either AT&T or a	with FCC rules, on the terms and conditions set forth herein. In
		third party CLEC, given that the CLEC providing service in the HFS	order for a Loop to be eligible for Line Sharing, the following
		is authorized by AT&T, the party responsible for the entire loop, to	conditions must be satisfied for the duration of the Line Sharing
		utilize the HFS. Services in the HFS may be provided using AT&T's	arrangement: (i) the Loop must consist of a copper loop compatible
		own facilities, through the use of resold services (whether retail or	with an xDSL service that is presumed to be acceptable for shared- line deployment in accordance with FCC rules; (ii) Verizon must be
		wholesale), through the use of UNEs, or any technically feasible	the deproyment in decordance with LCC rules, (ii) verizon must be

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		combination of the preceding.
		Low Frequency Spectrum (LF) The frequency spectrum of the loop
		facility, typically a continuous copper facility, extending from 300 to
		4000 Hz; the frequency range from 3000 4000 Hz is typically not
		used for transmission of communications.
		<u>xDSL</u> A common reference to advanced services that use digital
		subscriber line technology, including ADSL (asymmetric digital
		subscriber line), HDSL (high-speed digital subscriber line), UDSL
		(universal digital subscriber line), VDSL (very-high speed digital
		subscriber line), and RADSL (rate adaptive digital subscriber line) to
		send signals over copper wires to packet switches. The small "x"
		before the letters DSL signifies a reference to a generic transmission
		technology, as opposed to a specific DSL "flavor."
		NC/NCI (Network Channel/Network Channel Interface) Information
		Codes used to identify the technical details of the channel (NC Codes
		and the channel interface elements (NCI Code) of a facility, such as
		the number of conductors, protocol, transmission level points, etc.
		They are a registered trademark of Telecordia Technologies, Inc. and
		are administered by that entity.
		Power Spectral Density (PSD) A measurement that defines the
		maximum limit on signal power densities as a function of frequency.
		so as to permit engineers to deploy an xDSL technology in a manner
		that minimizes cross talk (or signal interference) between conductors
		within the local loop plant.
		1.1 Viviani, I. Il manida Lina Chanina and Lina Culiting support to ATST as
		1.1 Verizon shall provide Line Sharing and Line Splitting support to AT&T so that AT&T may provide services through use of the high frequency spectrum
		(HFS) of the local loop facility. Such services include, but are not limited to,
		ADSL (in accordance with T1.413), Splitterless ADSL (in accordance with
		T1.419), RADSL (in accordance with TR.# 59), MVL (a proprietary
		technology), of any other any xDSL technology that is presumed to be
		acceptable for shared line deployment in accordance with FCC rules or has
		been deployed by any other carrier in any state, subject to the terms and
		conditions set forth herein.
		Commission Ser years and Commission Commissi
		1.1.1 In order for a loop facility to be eligible for Line Sharing, the following

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providing simultaneous circuit-switched analog voice grade service to the Customer served by the Loop in question; (iii) the Verizon Customer's dial tone must originate from a Verizon End Office Switch in the Wire Center where the Line Sharing arrangement is being requested; and (iv) the xDSL technology to be deployed by AT&T on that Loop must not significantly degrade the performance of other services provided on that Loop.

at the rates set forth in Exhibit A. In addition to the recurring and nonrecurring charges shown in Exhibit A for Line Sharing itself, the following rates shown in Exhibit A and in Verizon's applicable Tariffs are among those that may apply to a Line Sharing arrangement: (i) prequalification charges to determine whether a Loop is xDSL compatible (i.e., compatible with an xDSL service that is presumed to be acceptable for shared-line deployment in accordance with FCC rules); (ii) engineering query charges, engineering work order charges, or Loop conditioning (Digital Designed Loop) charges; (iii) charges associated with Collocation activities requested by AT&T and not covered by Exhibit A: and (iv) misdirected dispatch charges, charges for installation or repair, manual intervention surcharges, and trouble isolation charges.

11.2.17.2 The following ordering procedures shall apply to Line Sharing:

- (i) To determine whether a Loop qualifies for Line Sharing, the Loop must first be prequalified to determine if it is xDSL compatible. AT&T must utilize the mechanized or manual Loop qualification processes described in the terms applicable to Digital Designed Loops, as referenced in paragraph (v) below, to make this determination.
- (ii) AT&T shall place orders for Line Sharing by delivering to Verizon a valid electronic transmittal service order or other mutually agreed upon type of service order. Such service order shall be provided in accordance with industry format and specifications or such format and specifications as may be agreed to by the Parties.

I No	Statemer t of Issue	Detitionare Proposed Contract Language	Varizon's Proposed C
Issue No.	Statemer t of Issue	Petitioners' Proposed Contract Language conditions must be satisfied for the duration of the Line Sharing arrangement:	Verizon's Proposed Contract Language (iii) If the Loop is prequalified by AT&T through the
		(i) the loop facility must be capable of supporting the Power Spectral Density	(iii) If the Loop is prequalified by AT&T through the Loop prequalification database, and if a positive response is received
		Mask (PSD) of the equipment attached; (ii) Verizon must be providing	and followed by receipt of AT&T's valid, accurate and pre-qualified
		simultaneous circuit switched retail local service to the retail customer served	service order for Line Sharing, Verizon will return an LSR
		by the loop facility in question; (iii) the customer's dial tone must originate	Confirmation within twenty-four (24) hours (weekends and holidays
		from a Verizon End Office Switch in the Wire Center where the arrangement is	excluded) for LSRs with less than six (6) loops and within 72 hours
		being requested; and (iv) the xDSL technology attached to the loop by AT&T	(weekends and holidays excluded) for LSRs with six (6) or more
		must not result in any proven and significant degradation of retail local voice	loops, unless a different interval is ordered by the Commission.
		service provided over the same loop facility.	100ps, unless a different interval is ordered by the Commission.
		service provided over the same toop jacuny.	(in) If the Learnessines 1:6 (i)
		112 Leads for Long Calling to Limite for Line Collins and discons (i)	(iv) If the Loop requires qualification manually or
		1.1.2 In order for a loop facility to be eligible for Line Splitting, condition (i)	through an Engineering Query, three (3) additional business days wil
Ì		from 1.1.1 above must apply for the duration of the Line Splitting arrangement-	generally be required to obtain Loop qualification results before an
		In addition, if AT&T is providing voice service over the loop through the use of	LSR Confirmation can be returned following receipt of AT&T's valid,
		Verizon's unbundled local switching and shared transport elements, conditions	accurate request. Verizon may require additional time to complete
Ì		(iii) and (iv) from 1.1.1 must also apply for the duration of the Line Splitting	the Engineering Query where there are poor record conditions, spike
		arrangement.	in demand, or other unforeseen events, unless such additional time is
		12 V	not permitted pursuant to an effective Commission order.
		1.2 Verizon shall make Line Sharing and Line Splitting available to AT&T	6.1 Manufishming is now in the state of
		at TELRIC rates set forth in Exhibit A. Prices for line sharing and line	(v) If conditioning is required to make a Loop capable
		splitting support shall be specific to Virginia, but Verizon shall bear the burden	of supporting Line Sharing and AT&T orders such conditioning, then
		of justifying material variances from the pricing and price structure adopted in New York. These rates and/or rate structures shall be considered interim in	Verizon shall provide such conditioning in accordance with the terms
		l l	of this Agreement pertaining to Digital Designed Loops; provided,
		nature until the Commission has approved them or otherwise allowed them to	however, that Verizon shall not be obligated to provide Loop
		go into effect as a result of a proceeding before the Commission. If, as a result	conditioning if Verizon establishes that such conditioning is likely to
		of any such proceeding, the Commission should approve (or otherwise allow to	degrade significantly the voice-grade service being provided to
		go into effect) permanent rates and/or rate structures different than those	Verizon's Customers over such Loops.
		shown in Exhibit A, all such approved or effective permanent rates and/or rate	(vi) The standard Lean municipality 11 11 11
		structures shall supercede those shown in Exhibit A. The permanent rates shall be effective retroactively to the Effective Date. The Parties shall true-up any	(vi) The standard Loop provisioning and installation process will be initiated for the Line Sharing arrangement only once
		amounts previously invoiced as if the permanent rates had been in effect as of	the requested engineering and conditioning tasks have been
		that date. Each Party shall invoice the other for any amounts due to it as a	
		result of such true up, and all such invoices shall be paid in accordance with	completed on the Loop. Scheduling changes and charges associated
			with order cancellations after conditioning work has been initiated
		the Billing and Payment provisions of this Agreement.	are addressed in the terms pertaining to Digital Designed Loops, as
[The following approximate support proceedings of all and the Line	referenced in paragraph (v) above. Except as otherwise required by
		1.3 The following operational support procedures shall apply to Line	Applicable Law, the standard provisioning interval for Line Sharing
		Sharing and Line Splitting:	shall be three (3) business days. In no event shall the Line Sharing
[To become a leaf of the facility of the	interval applied to AT&T be longer than the interval applied to any
		1.3.1 To determine whether a loop facility qualifies for Line	affiliate of Verizon. Line Sharing arrangements that require pair
		Sharing, the Loop must first be pre-qualified (unless it has been previously pre-	swaps or line and station transfers in order to free up facilities will
VEV WHERE DISTIN		qualified as a Digital Designed Loop to determine if the Loop facility can	have a provisioning interval of not less than six (6) business days.

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		reasonably support services in the HFS of the loop. To perform the pre-	have a provisioning interval of not less than six (6) business days.
j i		qualification, AT&T may utilize, at its option, any of the Loop pre-qualification	
		methods currently provided by or used by Verizon , provided that the same	(vii) AT&T must provide all required Collocation, CFA,
		qualification procedure is required of all other parties engaged in Line Sharing	SBN and NC/NCI information when a Line Sharing Arrangement is
		or Line Splitting with Verizon, including any affiliate of Verizon. These	ordered. Collocation augments required, either at the POT Bay,
		methods include: 1) any mechanized Loop qualification process available to	Collocation node, or for splitter placement must be ordered using
		Verizon or any other party, 2) the manual Loop qualification processes	standard collocation applications and procedures, unless otherwise
		described in the terms applicable to Digital Designed Loops, as referenced in	agreed to by the Parties or specified in this Agreement.
		paragraph (v) below, or 3) an Engineering Query, a standard practice	
1		especially for Digital Designed Loops, where additional Loop information not	(viii) The Parties recognize that Line Sharing is an
		available through the manual Loop qualification process is provided. Should	offering that requires both Parties to make reasonable efforts to
		Verizon subsequently offer develop any other Loop qualification procedures or	coordinate their respective roles in the roll out of Line Sharing in
		methods to for any other party engaged in Line Sharing or Line Splitting with	order to minimize provisioning problems and facility issues. AT&T
		Verizon, then Verizon shall provide AT&T with a non-discriminatory	will provide reasonable, timely, and accurate forecasts of its Line
	<u> </u>	opportunity to participate in planning and implementing modifications to	Sharing requirements, including splitter placement elections and
		available data compilations or procedures and shall simultaneously make any	ordering preferences. These forecasts, which shall be non-hinding,
		new or changed procedures and new or restructured data available to AT&T, if	are in addition to projections provided for other stand-alone
1		so requested by AT&T, for use at AT&T's option. The pre-qualification	unbundled Loop types.
		interface(s) shall be uniform across all of the states served by Verizon.	
l i			11.2.17.3 To the extent required by Applicable Law, AT&T
		1.3.2. When AT&T engages in Line Splitting, it may, at its option,	shall provide Verizon with information regarding the type of xDSL
		utilize the same procedures available to qualify a loop as are made available	technology that it deploys on each shared Loop. Where any proposed
		for Line Sharing. To the extent that AT&T requires additional information in	change in technology is planned on a shared Loop, AT&T must
	İ	order to submit an order to establish Line Splitting, such as information that	provide this information to Verizon in order for Verizon to update
1 1		the loop is capable of supporting service in the HFS of the loop, Verizon will	Loop records and anticipate effects that the change may have on the
1 1		make the information necessary to make such a determination available	voice grade service and other Loops in the same or adjacent binder
	I	through the same pre-ordering interface as currently employed for UNE-P	groups. As described more fully in Verizon Technical Reference
1	1	orders that do not involve Line Splitting.	72575, the xDSL technology used by AT&T for Line Share
			Arrangements shall operate within the Power Spectral Density (PSD)
	i	1.3.32 Notwithstanding the foregoing, AT&T may elect not to	limits set forth in T1.413-1998 (ADSL), T1.419-2000 (Splitterless
1 1	i	perform Loop pre-qualification for line splitting using a qualification	ADSL), or TR59-1999 (RADSL), and MVL (a proprietary technology)
1	i	procedure other than those offered by Verizon and in such cases Verizon shall	shall operate within the 0 to 4 kHz PSD limits of T1.413-1998 and
	 	not reject an AT&T order for Line Splitting because Verizon's Loop pre-	within the transmit PSD limits of T1.601-1998 for frequencies above
1	i	qualification procedure was not performed. If a Loop was previously pre-	4 kHz, provided that the MVL PSD associated with audible
	 	qualified and/or conditioned by another carrier, whether independent of or	frequencies above 4 kHz shall be sufficiently attenuated to preclude
		affiliated with Verizon, Verizon shall make that fact known to AT&T through a	significantly degrading voice services. AT&T's deployment of
1	I	pre-ordering transaction and Verizon shall be responsible for assuring the	additional Advanced Services shall be subject to the applicable rules
1	 	loop can support service in the HFS, regardless of whether or not AT&T	and regulations of the FCC.
1		performs a pre-qualification of the Loop. When AT&T opts not to use	
	 	Verizon's tools to perform Loop pre-qualification on a Loop employed in Line	11.2.17.4 AT&T may only access the high frequency portion
		The state of the s	11 ct may only access the migh frequency portion

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		Splitting and the Loop was not in use providing the same xDSL service at the time of its order, AT&T will not hold Verizon responsible for service performance in the HFS unless and until the Loop is qualified according to then-current Verizon Loop qualification procedures. When AT&T elects not to use Verizon's loop pre-qualification procedure, it shall not be assessed any charge for such procedures.
		1.3.3 Notwithstanding the above, Verizon will permit and support AT&T's re-use of a loop for a line sharing or line splitting configuration if the loop is currently employed to provide active xDSL service, whether or not AT&T performs a loop qualification.
		1.3.4 AT&T shall place orders for Line Sharing or Line Splitting by delivering to Verizon a valid service order. Such service order shall contain all required information and be provided in accordance with industry format and specifications when such standards exist. To the extent such standards do not exist, Verizon has a present obligation to propose a reasonable format for such orders and AT&T will negotiate in good faith to reach mutual agreement on a format. However, Verizon may not reject orders for manual processing solely because the Parties have not yet agreed on an order format. Once the Parties have reached mutual agreement on an ordering format, either party may opt to submit additional unresolved issues to dispute resolution as provided in Section 28.11. The Parties agree to use the existing interface for submission of UNE P orders and order status tracking, unless AT&T agrees to do otherwise. The ordering interface shall be uniform across all of the states served by Verizon.
		1.3.5 Verizon shall provide non-discriminatory operational support to AT&T and any Authorized Agent for the purpose of Line Splitting. Verizon will implement a region-wide methodology, contemporaneously with implementation in New York but in no event later than January 2002, to effectuate a records-only billing conversion from Line Sharing to Line Splitting when the carrier providing service in the HFS continues service to a retail customer and AT&T becomes the provider of the voice service in the low frequency spectrum of the Loop. In such cases, Verizon will accept an order issued either by AT&T or by the Authorized Agent, provided that the Authorized Agent uses a carrier identifier code that identifies AT&T as the responsible entity. For such orders, Verizon's records shall reflect that AT&T is the entity purchasing the existing Loop network element on a prospective

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of a Loop in a Line Sharing arrangement through an established Collocation arrangement at the Verizon Serving Wire Center that contains the End Office Switch through which voice grade service is provided to Verizon's Customer. AT&T is responsible for providing a splitter at that Wire Center that complies with ANSI specification T1.413 which employs Direct Current ("DC") blocking capacitors or equivalent technology to assist in isolating high bandwidth trouble resolution and maintenance to the high frequency portion of the frequency spectrum, and is designed so that the analog voice "dial tone" stays active when the splitter card is removed for testing or maintenance through one of the splitter options described below. AT&T is also responsible for providing its own Digital Subscriber Line Access Multiplexer ("DSLAM") equipment in the Collocation arrangement and any necessary Customer Provided Equipment ("CPE") for the xDSL service it intends to provide (including CPE splitters, filters and/or other equipment necessary for the end user to receive separate voice and data services across the shared Loop). Two splitter configurations are available. In Configuration Options 1 and 2, the splitter must be provided by AT&T and must satisfy the same NEBS requirements that Verizon imposes on its own splitter equipment or the splitter equipment of any Verizon affiliate. AT&T must designate which splitter option it is choosing on the Collocation application or augment. Regardless of whether AT&T selects Options 1 or 2, the splitter arrangements must be installed before AT&T submits an order for Line Sharing.

Splitter Option 1: Splitter in AT&T Collocation Area

In this configuration, the AT&T-provided splitter (ANSI T1.413 or MVL compliant) is provided, installed and maintained by AT&T in its own Collocation space within the Customer's serving End Office. The Verizon-provided dial tone is routed through the splitter in the AT&T Collocation area. Any rearrangements will be the responsibility of AT&T.

Splitter Option 2: Splitter in Verizon Area

In this configuration, Verizon inventories and

basis, and that the loop facility includes any splitter Verizon has deployed on

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		the Loop. In such cases, Verizon shall not make any changes to the physical	maintains an AT&T-provided splitter (ANSI T1.413 or MVL
		configuration serving the end user unless mutually agreed upon in advance by	compliant) in Verizon space within the Customer's serving
		both parties. Verizon may opt to employ manual or mechanized procedures to	End Office. The splitters will be installed shelf-at-a-time.
		implement the billing conversion; however, Verizon's procedures shall not	•
		limit AT&T's ability to serve the retail customer or to transact business with its	In those serving End Offices where Verizon has
		Authorized Agent. Upon the completion date of the order, AT&T will assume	employed the use of a Point of Termination ("POT") Bay,
		financial liability for the configuration on a prospective basis, according to the	the splitter will be installed (mounted) in a relay rack
		provisions of this Agreement, and Verizon will direct billing to the account	between the POT Bay and the MDF. The demarcation point
		number(s) designated by AT&T. Furthermore, to the extent that collocation or	is at the splitter end of the cable connecting the AT&T
		other equipment of the Authorized Agent is used in the Line Splitting	Collocation and the splitter. At AT&T's option, installation
		configuration, Verizon shall treat such equipment and collocation as though it	of the splitter shelf may be performed by Verizon or by a
		were AT&T's when performing the cross-connections specified on any orders	Verizon-approved vendor designated by AT&T.
		issued by AT&T or its Authorized Agent. AT&T and Verizon shall define a	., ., ., ., ., ., ., ., ., ., ., ., ., .
		mutually agreeable means for identifying an Authorized Agent of AT&T and	In those serving End Offices where Verizon does
		defining permissible activities by such Authorized Agents. If the parties do not	not employ the use of a POT Bay, the AT&T-provided
		reach agreement on such issues within TBD days of the effective date of this	splitter will be located via a virtual-LIKE collocation
		agreement or TBD date, whichever occurs earlier, either party may submit	arrangement, to which AT&T does not have access. AT&T
		such issues to dispute resolution.	shall receive its DSL traffic via tie cables running from the
		·	MDF to the splitter and from the splitter to AT&T's
			collocation arrangement. The demarcation point is the
		1.3.4 Collocation augments required either at the POT Bay,	connection to the DSLAM from the splitter. The installation
		Collocation node, or for splitter placement, shall be ordered using standard	of the splitter shelf will be performed by Verizon or by a
		Collocation applications and procedures, unless otherwise agreed to by the	Verizon -approved vendor.
		Parties or specified in this Agreement; provided, however, the collocation	''
		interval for expanding connecting facilities for existing collocations is forty-	In either scenario, Verizon will control the splitter
		five (45) business days starting from submission of an accurate augment	and will direct any required activity. Where a POT Bay is
		application through completion of collocation space that is accepted by AT&T.	employed, Verizon will perform all POT Bay work required
		When engaging in Line Sharing in a particular office, AT&T will designate	in this configuration. Verizon will provide a splitter
		which splitter option it is choosing on the Collocation application or augment.	inventory to AT&T upon completion of the required
			augment.
		1.3.7 If the HFS Loop (for Line Sharing) or the Loop UNE (for	
		Line Splitting) has been pre-qualified as provided herein, or if AT&T elects not	(i) Where a new splitter is to be installed as part of a
		to pre-qualify a Loop UNE for Line Splitting, and AT&T submits a valid and	initial Collocation implementation, the splitter installation may be
		accurate service order, Verizon will return a firm order commitment (FOC)	ordered as part of the initial Collocation application. Associated
		within 1 business day (weekends and holidays excluded) for an order with less	Collocation charges (application and engineering fees) apply. AT&
		than six (6) Loops and within 3 business days (weekends and holidays	must submit a new Collocation application, with the application fee,
		excluded) for an order with six (6) or more Loops, unless a shorter interval is	to Verizon detailing its request. Standard Collocation intervals will
		ordered by the Commission.	apply (unless Applicable Law requires otherwise).
		or dered by the Commission.	apply (unless ripplicable but requires otherwise).
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		then AT&T or its agent will provide the connecting facility assignment (CFA) information appropriate to making such connections or modifications.
		1.3.9 AT&T may request, and Verizon shall migrate, a UNE Platform combination provided by Verizon to a Line Splitting arrangement. AT&T or its Authorized Agent shall make all cross-connections within its collocation space. Verizon shall be responsible for connecting the loop outside plant to the CFA specified by AT&T or its Authorized Agent. Verizon shall also connect the identified CFA of the low frequency spectrum output of the splitter to the unbundled local switching element as specified by AT&T or its Authorized Agent.
		1.3.405 Verizon shall provide nondiscriminatory support for Line Splitting, as compared to Line Sharing or to Verizon's provisioning of comparable DSL-based services for itself or an affiliate, when the physical arrangements supporting such offerings are comparable. For example, when provisioning Line Splitting for AT&T, Verizon shall assure that no more cross-connections are required than it employs when deploying a Line Sharing arrangement in the same office and the splitter used to enable Line Sharing is deployed in a comparable collocation arrangement.
		1.3.H6 Adding services in the high frequency portion of a Loop to a pre-existing UNE-P configuration shall have no adverse impact on the Customer's existing UNE-P service. Specifically, unless the order submitted to Verizon specifies a change, the provisioning procedure employed by Verizon shall not result in the loss of the customer's working telephone number, the currently operating Loop (unless AT&T determines that such Loop will not support services in the HFS), 911 access or and listings, Line Information Data Base information, activated features on the switch, directory listings or directory assistance database listings. The only exception is that a service interruption for POTS may occur, but any such interruption shall not exceed that which occurs when Verizon reconfigures one of its own POTS lines to a Line Sharing configuration for itself or another carrier.
		1.3.12 The standard Loop or UNE loop provisioning and installation process, as applicable, will be initiated upon receipt of a valid order from AT&T. Scheduling changes and charges associated with order cancellations after conditioning work has been initiated are governed by the terms pertaining to Digital Designed Loops. The standard provisioning interval, whether for a Line Sharing or Line Splitting arrangement, initially

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existing Collocation arrangement, or where the existing Collocation arrangement is to be augmented (e.g., with additional terminations at the POT Bay or AT&T's collocation arrangement to support Line Sharing), the splitter installation or augment may be ordered via an application for Collocation augment. Associated Collocation charges (application and engineering fees) apply. AT&T must submit the application for Collocation augment, with the application fee, to Verizon. Collocation intervals as stated in Verizon's applicable Tariff shall apply.

11.2.17.5 In serving End Offices where a POT Bay has been employed for use, AT&T will have the following options for testing shared Loops:

11.2.17.5.1 Under Splitter Option 1, AT&T may conduct its own physical tests of the shared Loop from AT&T's collocation area. If it chooses to do so, AT&T may supply and install a test head to facilitate such physical tests, provided that: (i) the test head satisfies the same NEBS requirements that Verizon imposes on its own test head equipment or the test head equipment of any Verizon affiliate; and (ii) the test head does not interrupt the voice circuit to any greater degree than a conventional Mechanized Loop Test ("MLT"). Specifically, the AT&T-provided test equipment may not interrupt an in-progress voice connection and must automatically restore any circuits tested in intervals comparable to MLT. This optional AT&T-provided test head would be installed between the "line" port of the splitter and the POT Bay in order to conduct remote physical tests of the shared Loop.

11.2.17.5.2 Under Splitter Option 2, either Verizon or a Verizon-approved vendor selected by AT&T may install a AT&T-provided test head to enable AT&T to conduct remote physical tests of the shared Loop. This optional AT&T-provided test head may be installed at a point between the "line" port of the splitter and the Verizon-provided test head that is used by Verizon to conduct its own Loop testing. The AT&T-provided test head must satisfy the same NEBS requirements that Verizon imposes on its own test head equipment or the test head equipment of any Verizon affiliate, and may not interrupt the voice circuit to any greater degree than a conventional MLT test. Specifically, the AT&T-provided test

١	Issue No.	Statement of Issue	Petitioners' Proposed Contract Language	Verizon's Proposed Contract Language
1			shall be the lesser of three (3) business days or parity (with Verizon's separate	equipment may not interrupt an in-progress voice connection
		· '	data affiliate) for 2W Loops or such other loop types that are employed in	must automatically restore any circuits tested in intervals c
			either Line Sharing or Line Splitting. In no event shall the interval offered to	to MLT. Verizon will inventory, control and maintain the A
	į	İ	AT&T, whether for Line Sharing or Line Splitting arrangements, be longer	provided test head, and will direct all required activity.
			than the interval offered to Verizon's retail operations, any affiliate of Verizon	
			or any non-affiliated earrier. When delivery of the loop facilities requires pair	11.2.17.5.3 Under either Splitter Option 1 or 2, if Ver
			swaps or line and station transfers in order to free up appropriate facilities, the	installed its own test head, Verizon will conduct tests of the
			provisioning interval offered shall be no more than six (6) business days, but in	Loop using a Verizon-provided test head, and, upon reques.
			no event shall such provisioning be longer than the interval applied to Verizon	provide these test results to AT&T during normal trouble is
			or any of its affiliates. Verizon shall track the provisioning intervals and due	procedures in accordance with reasonable procedures.
			dates met separately for Line Sharing and Line Splitting and shall demonstrate	•
			that the support delivered by Verizon to AT&T is no worse than that delivered	11.2.17.5.4 Under either Splitter Option 1 or 2, Veriz
			to Verizon's retail operation, any affiliate of Verizon or any unaffiliated	make MLT access available to AT&T via RETAS after the s
			companies, whichever represents the best performance attained in any one	order has been completed. AT&T will utilize the circuit nu
			month.	initiate a test. This functionality will he available on Octob
				2000.
			1.3.6 AT&T will provide reasonable, timely, and accurate forecasts of its	
			Line Sharing requirements semi-annually, including splitter	11.2.17.6 In those serving End Offices where Verize
			placementelections. These forecasts, which shall be non-binding, are in	employed a POT Bay for use, AT&T will not be permitted to
	. [addition toprojections provided for other stand-alone unbundled Loop types.	own test head; Verizon will make its testing system available
			Noseparate forecasting requirement shall be imposed on AT&T for Loops	through use of the on-line computer interface test system at
			employed in Line Splitting configurations:	www.gte.com/wise. This system is available 24 hours, 7 da
		1		
			1.43.7 AT&T shall provide Verizon with the information	11.2.17.7 The Parties will continue to work coopera
			required by FCC Rules regarding the type of xDSL technology that it deploys	testing procedures. To this end, in situations where AT&T
]		on each loop facility employed in Line Sharing or Line Splitting. Unless stated	attempted to use one or more of the foregoing testing option
			otherwise, this information will be conveyed by the Network Channel/Network	still unable to resolve the error or trouble on the shared Lo
i			Channel Interface Code (NC/NCI) or equivalent information on the order.	Verizon and AT&T will each dispatch a technician to an ag
			Verizon shall retain such information and shall not modify its facilities so as to	point at the Main Distribution Frame (or in exceptional case
			make the loop incapable of providing the xDSL service. Where valid NC/NCI	agreed upon site in the field) to conduct a joint meet test to
			codes are not available to accommodate AT&T's deployment of future xDSL	and resolve the error or trouble. Verizon may assess a cha
			technologies, Verizon shall work with AT&T to develop an alternative method	misdirected dispatch only if the error or trouble is determine
			of notification but in no event shall the lack of a valid NC/NCI code delay	one that AT&T should reasonably have been able to isolate
]		AT&T's service introduction by more than 30 days past the initial notification	diagnose through one of the testing options available to AT
			that the need for a new NC/NCI code or combination may be required to fully	The Parties will mutually agree upon the specific procedure
		i	describe the service parameters. Where any proposed change in technology is	conducting joint meet tests.
			planned on a loop employed in Line Sharing or Line Splitting and such change	
		i	may result in the transmissions exceeding characteristics permissible under the	11.2.17.8 Verizon and AT&T each have a joint resp
			Power Spectral Density (PSD) implicit in the NC/NCI previously	to educate its Customer regarding which service provider s
			communicated, AT&T will provide this information to Verizon so that Verizon	called for problems with their respective voice or Advanced

ogress voice connection and its tested in intervals comparable rol and maintain the AT&Trequired activity.

er Option 1 or 2, if Verizon has ill conduct tests of the shared read, and, upon request, will tring normal trouble isolation nable procedures.

er Option 1 or 2, Verizon will via RETAS after the service ill utilize the circuit number to he available on October 31,

nd Offices where Verizon has not will not be permitted to supply its testing system available to AT&T interface test system at vailable 24 hours, 7 days a week.

ontinue to work cooperatively on ituations where AT&T has foregoing testing options but is ouble on the shared Loop, h a technician to an agreed-upon ? (or in exceptional cases to an fuct a joint meet test to identify rizon may assess a charge for a or trouble is determined to be we been able to isolate and options available to AT&T above. the specific procedures for

each have a joint responsibility hich service provider should be called for problems with their respective voice or Advanced Service

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	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la co	may (1) update loop facility records, (2) anticipate effects that the change may	offerings. Verizon will retain primary responsibility for voice hand
1	i	have on the local service Verizon may be providing in a Line Sharing	trouble tickets, including repairing analog voice grade services and
		arrangement, and (3) analyze potential spectrum interference implications for	the physical line between the NID at the Customer premise and the
		loop facilities in the same or adjacent binder groups. As described more fully	point of demarcation in the Central Office. AT&T will be responsible
1	i	in Verizon/Bell-Atlantic Technical Reference 72575, the current xDSL	for repairing advanced data services it offers over the Line Sharing
	i	technology used for Line Sharing Arrangements shall operate within the PSD	arrangement. Each Party will be responsible for maintaining its own
		limits set forth in T1.417, PSD #5 & 9 formerly T1.413-1998 (ADSL), T1.419-	equipment. Before either Party initiates any activity on a new shared
1	i	2000 (Splitterless ADSL), or TR59-1999 (RADSL), and MVL (a proprietary	Loop that may cause a disruption of the voice or data service of the
	i	technology) shall operate within the 0 to 4 kHz PSD limits of T1.413-1998 and	other Party's Customer, that Party shall first make a good faith effort
		within the transmit PSD limits of T1.601-1998 for frequencies above 4 kHz,	to notify the other Party of the possibility of a service disruption.
	i	provided that the MVL PSD associated with audible frequencies above 4 kHz	Verizon and AT&T will work together to address Customer initiated
i		shall be sufficiently attenuated to preclude significantly degrading voice	repair requests and to prevent adverse impacts to the Customer.
	i	services. The foregoing notwithstanding, AT&T's deployment of services in the	•
	i	high frequency portion of the loop shall be subject only to the limitations of	11.2.17.9 When Verizon provides Inside Wire maintenance
	i	applicable rules and regulations of the FCC.	services to the Customer, Verizon will only be responsible for testing
	i		and repairing the Inside Wire for voice-grade services. Verizon will
1		1.5 When AT&T deploys a splitter in the central office in order to access the	not test, dispatch a technician, repair, or upgrade Inside Wire to clear
		HFS of a loop, AT&T must deploy the splitter in a physical (whether caged,	trouble calls associated with AT&T's Advanced Services. Verizon will
	i	shared cage, or common) or virtual Collocation arrangement at the same	not repair any CPE equipment provided by AT&T. Before a trouble
		Verizon Serving Wire Center where the loop terminates. When a splitter is	ticket is issued to Verizon, AT&T shall validate whether the Verizon
		deployed in the central office, AT&T is responsible for providing a splitter that	Customer is experiencing a trouble that arises from AT&T's
		complies with American National Standards Institute (ANSI) specification	Advanced Service. If the problem reported is isolated to the analog
		T1.413 (or successor specifications) and that satisfies the same National	voice-grade service provided by Verizon, a trouble ticket may be
		Equipment Board Standards (NEBS) requirements that Verizon imposes on its	issued to Verizon.
		own splitter equipment or the splitter equipment of any Verizon affiliate.	
!		AT&T shall have the right to choose the type of collocation space it will	11.2.17.9.1 In the case of a trouble reported by the Customer
1		employ, should collocation be required, subject to the space limitation	on its voice-grade service, if Verizon determines the reported trouble
		provisions. AT&T is also responsible for providing the equipment necessary to	arises from AT&T's Advanced Services equipment, splitter problems,
		support services in the high frequency portion of the Loop, including any	or AT&T's activities, Verizon will:
		Customer Premises Equipment (CPE) necessary to support the services it	
		intends to deliver using that spectrum. Such equipment includes, without	a) Notify AT&T and request that AT&T immediately
	}	limitation, CPE splitters, filters and/or other equipment as may be necessary.	test the trouble on AT&T's Advanced Service.
		Splitter arrangements must be installed and functional before AT&T submits	
	1	an order for Line Sharing or Line Sharing.	b) If the Customer's voice grade service is so
			degraded that the Customer cannot originate or receive voice grade
		1.6 Notwithstanding the foregoing, Verizon shall offer to	calls, and AT&T has not cleared its trouble within a reasonable time
		provide AT&T with access to Verizon-owned splitters, on a line at a time	frame, Verizon may take unilateral steps to temporarily restore the
		basis, and AT&T shall have the right to request Verizon provide such attached	Customer's voice grade service if Verizon determines in good faith
		Loop electronics in a central office on 90 days notice. Once such splitters are	that the cause of the voice interruption is AT&T's data service.
		deployed, Verizon will provision AT&T's orders for Line Sharing or Line	,

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		Splitting using such Verizon provided splitters within the intervals described	c) Upon completion of steps (a) and (b) above,
		herein. If Verizon declines to provide such capability to AT&T, it will	Verizon may temporarily remove the AT&T-provided splitter from the
		implement such capability within 45 days of an FCC order requiring ILECs	Customer's Loop and switch port if Verizon determines in good faith
		generally to do so. If the Parties are unable to reach agreement regarding the	that the cause of the voice interruption is AT&T's data service.
		implementation of such obligations, either Party may subject the issue to	
		Dispute Resolution as provided in Section 28.11 of this Agreement.	d) Upon notification from AT&T that the malfunction
			in AT&T's Advanced Service has been cleared, Verizon will restore
		1.7 AT&T will have the following options for testing loop	AT&T's Advanced Service by restoring the splitter on the Customer's
i i		facilities whether employed in Line Sharing or Line Splitting:	Loop.
		1.7.1 When the splitter is deployed within collocation space that	e) Upon completion of the above steps, AT&T will be
ļ		AT&T may access, AT&T may conduct its own physical tests of the	charged a Trouble Isolation Charge (TIC) to recover Verizon's costs
		loop facility from AT&T's collocation area to the customer premises.	of isolating and temporarily removing the malfunctioning Advanced
		If it chooses to do so, AT&T may supply and install a test head to	Service from the Customer's line if the cause of the voice interruption
		facilitate such physical tests, provided that: (i) the test head satisfies	was AT&T's data service.
		the same NEBS requirements applicable to other collocated	
		equipment as provided in FCC rules; and (ii) the test head does not	f) Verizon shall not be liable for damages of any kind
		interrupt the voice circuit to any greater degree than a conventional	for temporary disruptions to AT&T's data service that are the result
		metallic loop test (MLT) test when Line Sharing is occurring.	of the above steps taken in good faith to restore the end user's voice-
		Specifically, the AT&T provided test equipment may not interrupt an	grade POTS service, and the indemnification provisions set forth in
		in-progress voice connection in the low frequency spectrum and must	Section 24.6 shall control in such instances.
		automatically restore any circuits tested in intervals comparable to	
		MLT in accordance with accepted industry practices. This optional	
l		AT&T provided test head may be installed between the splitter port	
		that connects to outside plant input and the POT bay (or equivalent):	11.2.18 Line Splitting
ł		1.7.2 When AT&T opts to deploy the splitter in common	11.2.18.1 AT&T may provide integrated voice and
		collocation space, either Verizon or a Verizon approved vendor	data services over the same Loop by engaging in Line Splitting as set
		selected by AT&T shall, at AT&T's request, install an AT&T-	forth in paragraph 18 of the FCC's Line Sharing Reconsideration
		provided test head to enable AT&T to conduct remote tests of the loop	Order (CC Docket Nos. 98-147, 96-98), released January 19, 2001.
[facility connecting to the customer premises. This optional AT&T	Any Line Splitting between AT&T and another CLEC shall be
		provided test head shall be installed at a point between the splitter	accomplished by prior negotiated arrangement between those CLECs.
-		port connecting to the outside loop plant and the Verizon-provided	To achieve a Line Splitting capability immediately, AT&T may order
		test head that is used by Verizon to conduct its own testing of the loop	an unbundled xDSL capable loop, which will terminate to a
		facility. The AT&T-provided test head must satisfy the same NEBS	collocated splitter and DSLAM equipment provided by its data
		requirements otherwise applicable to collocated equipment under	partner (or itself), unbundled switching combined with shared
1		FCC rules and may not interrupt the local voice service in the low	transport, collocator-to-collocator connections, and available cross-
		frequency spectrum to any greater degree than a conventional MLT	connects, under the terms and conditions set forth in the applicable
		test in accordance with accepted industry practices. Specifically, the	sections for each element in this Agreement. AT&T or its data
		AT&T-provided test equipment may not interrupt an in-progress voice	partner shall provide any splitters used in a Line Splitting

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		connection in the low frequency spectrum and must automatically	configuration. Verizon will provide to AT&T any service agreed to by
1		restore any circuits tested in intervals comparable to MLT.	the parties as described and developed by the ongoing DSL
Ï			Collaborative in the State of New York, NY PSC Case 00-C-0127
		1.7.3 Regardless of where the splitter is deployed, Verizon may, at	consistent with such implementation schedules, terms, conditions and
		its own expense, deploy its own test head(s). Verizon may conduct	guidelines established by the Collaborative, allowing for local
1		tests of the loop facility using a Verizon-provided test head, provided	jurisdictional and OSS differences. Verizon will make a good faith
		that such testing may not interrupt an in-progress communications in	effort to have such offerings and procedures available at the same
		the HFS (for either Line Sharing or Line Splitting) or the low	time as in New York, but no later than the Effective Date of this
		frequency spectrum in the case of Line Splitting. Furthermore, the	Agreement. Verizon shall make Line Splitting available to AT&T at
1		testing performed by Verizon must automatically restore any circuits	the rates and charges set forth in Exhibit A for the applicable
ŀ		tested in intervals comparable to MLT. Upon request, Verizon will	elements and/or components. Such rates and charges may include,
ļ		provide results of such testing to AT&T during normal trouble	among others, those set forth in Section 11.2.17.1 hereof, as well as
ĺ		isolation procedures in accordance with reasonable procedures.	those rates and charges for unhundled switching, loops and transpor
ļ.		1.7.4 Unless otherwise mutually agreed, for both Line Sharing and	
		Line Splitting, Verizon shall permit AT&T to log and track trouble	For copper/fiber mix loops:
		tickets, execute MLT tests, and receive the results of such testing using	
		the interface established for UNE-P customer configurations. The	11.2.14 <u>Sub-Loop</u>
		Parties will establish and implement mutually agreeable procedures	
		to support maintenance and repair in this manner within 30 days of	To the extent required by Applicable Law, Verizon shall
		the Effective Date of this Agreement after which either Party may opt	provide access to the unbundled Sub-Loop Network Element.
		to submit unresolved issues to Dispute Resolution as provided in	
		Section 28.11 of this Agreement.	11.2.14.1 The unbundled Sub-Loop network element, as set forth in FCC Rule 51.319(a)(2), is any portion of the loop that is
		1.7.5 The Parties will continue to work cooperatively on testing	technically feasible to access at terminals in Verizon's outside plant,
		procedures. To this end, in situations where AT&T has attempted to	including inside wire as defined in FCC Rule 51.319(a)(2)(i). An
ſ		use one or more of the foregoing testing options but is still unable to	accessible terminal is any point on the loop where technicians can
		resolve the error or trouble on the loop facility, Verizon and AT&T	access the wire or fiber within the cable without removing a splice
Ì		will each dispatch a technician to an agreed upon point at the Main	case to reach the wire or fiber within ("Accessible Terminal Point").
		Distribution Frame (or in exceptional cases to an agreed upon site in	, and the second
l l		the field) to conduct a joint meet test to identify and resolve the error	11.2.14.2 Such Accessible Terminal Points may include, but
		or trouble. Verizon may assess a charge for a misdirected dispatch	are not limited to, the pole or pedestal, the network interface device,
		only if the error or trouble is determined to be one that AT&T should	the minimum point of entry, the single point of interconnection, the
İ		reasonably have been able to isolate and diagnose through one of the	main distribution frame, the remote terminal (if the FDI is located in
		testing options available to AT&T above. The Parties will mutually	such remote terminal), and the feeder/distribution interface. The
		agree upon the specific procedures for conducting joint meet tests,	Accessible Terminal Point at a remote terminal may be the remote
		including but not limited to, specification of how a joint meet will be	terminal equipment enclosure which includes controlled environmen
ľ		coordinated and the consequences for either party's failure to	vaults, huts, cabinets and remote terminals in leased space in
1		dispatch in a timely manner. In addition, the Parties shall establish	buildings not owned by Verizon.
		testing procedures, including test access, compatible with the terms	
VEV WHERE D	ISTINCTION AMONG PETITIONERS IS NECESSARY: Wo		1,,,,,

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		and conditions herein, to address offices where POT bays are not	11.2.14.3 [Intentionally Omitted]
		required by Verizon. The Parties will establish and implement	
		mutually agreeable procedures within 30 days of the Effective Date of	11.2.14.4 [Intentionally Omitted]
1		this Agreement after which either Party may opt to submit unresolved	
		issues to Dispute Resolution as provided in Section 28.11 of this	11.2.14.5 Sub-Loop Element - Components and Functionality
		Agreement.	
			11.2.14.5.1 The Sub-Loop Network Element shall include the
		1.8 Verizon and AT&T shall each be responsible to	following facilities:
		educate their retail Customers, as applicable under Line Sharing and Line	·
		Splitting, regarding which carrier should be called when a Customer	a) Sub-Loop Distribution facility, as defined
		experiences problems with its service offerings. For Line Sharing, Verizon will	in Section 11.2.14.6
		retain primary responsibility for receipt of voice (low frequency) hand trouble	
		tickets and repair of analog voice grade services, including the physical line	(b) Feeder Sub-Loop, as defined in Section
		between the demarcation point at the Customer's premises and the AT&T	11.2.14.7
		collocation in a Line Sharing arrangement. Verizon shall refer all other	
		customer requests for repair or maintenance as directed by AT&T. For Line	11.2.14.6 Unbundled Sub-Loop Distribution ("Sub-Loop
		Splitting, AT&T will have primary responsibility for receipt of all trouble	Distribution") Facility
		tickets from the retail Customer. Verizon will be responsible for maintaining	
		and repairing all unbundled elements provided to AT&T and for assuring they	11.2.14.6.1 Subject to the conditions set forth in Section 11.7
ľ		operate in an integrated combination. Each Party will be responsible for	and upon request, Verizon shall provide AT&T with access to a Sub-
		maintaining its own equipment. Before either Party initiates any activity on a	Loop Distribution facility (as such term is hereinafter defined) in
		loop facility that may cause a disruption of retail service of the other Party, the	accordance with, and subject to, the terms and provisions of this
		initiating Party shall first make a good faith effort to notify the other Party of	Section 11.2.14. A "Sub-Loop Distribution" facility means a two-
		the possibility of a service disruption. Verizon and AT&T will work together to	wire or four-wire (two (2) pairs) metallic distribution facility in
		address Customer initiated repair requests and to prevent adverse impacts to	Verizon's network between a Verizon feeder distribution interface (a
		the retail customer.	"FDI") and the rate demarcation point for such facility (or network
			interface device ("NID") if the NID is located at such Rate
		1.8.1 When Verizon provides Inside	Demarcation Point). Notwithstanding anything else set forth in this
		Wire maintenance services to the retail Customer, Verizon will only	Agreement, Verizon shall provide AT&T with access to a Sub-Loop
		be responsible for testing and repairing the Inside Wire as provided in	Distribution facility in accordance with, but only to the extent
		its service agreement with the retail Customer. Verizon will not test,	required by, Applicable Law.
		dispatch a technician, repair, or upgrade Inside Wire to clear trouble	
		calls associated with services AT&T may provide in the high	11.2.14.6.2 AT&T may request that Verizon reactivate (if
		frequency portion of a shared loop unless requested by the retail	available) an unused drop and NID, install a new drop and NID if no
		Customer and such work is encompassed in the Verizon provided	drop and NID are available or provide AT&T with access to a drop
		Inside Wire maintenance services. Verizon will not repair any CPE	and NID that, at the time of AT&T's request, Verizon is using to
		equipment provided by AT&T. Before AT&T submits a trouble ticket	provide service to a Customer. New drops will be installed in
1		to Verizon, AT&T will make a good faith effort to determine whether	accordance with Verizon's standard procedures. In some cases, this
		the retail Customer's trouble is caused by equipment or facilities	may result in AT&T being responsible for the cost of installing the

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1		provided by Arter.	<i>ω ορ</i> .
		1.8.2 In the case of a trouble reported	11.2.14.6.3 AT&T may obtain access to a Sub-Loop
		by the retail Customer relating to local voice service provided by	Distribution facility only at an FDI and only from a
		Verizon as part of a Line Sharing arrangement, if Verizon determines	Telecommunications Carrier outside plant interconnection cabinet (a
	·	the reported trouble arises from services provided by AT&T in the	"TOPIC") or, if AT&T is collocated at a remote terminal equipment
· I		high frequency portion of the shared loop, Verizon will:	enclosure and the FDI for such Sub-Loop Distribution facility is
ŀ		mgn frequency portion of the shared toop, verizon with	located in such terminal, from the collocation arrangement of AT&T
		1.8.2.1 Notify AT&T and request that AT&T test its service	at such terminal. To obtain access to a Sub-Loop Distribution
1		configuration.	facility, AT&T shall install a TOPIC on an easement or Right of Way
		congregaration.	obtained by AT&T within 100 feet of the Verizon FDI to which such
		1.8.2.2 If the Verizon service in the low frequency portion of the	Sub-Loop Distribution facility is connected. A TOPIC must comply
		shared loop is so degraded that the retail customer cannot originate or receive	with applicable industry standards. Subject to the terms of applicable
		POTS calls, and AT&T has not tested its services in the high frequency portion	Verizon easements, Verizon shall furnish and place an
		of the loop within 6 hours or such other reasonable time frame as the Parties	interconnecting cable between a Verizon FDI and an AT&T TOPIC
		may agree, Verizon may take steps to temporarily restore the retail service	and Verizon shall install a termination block within such TOPIC.
		Verizon provides in the low frequency portion of the loop by removing the	Verizon shall retain title to and maintain the interconnecting cable.
Ì		appropriate splitter card, if the splitter is located in common collocation space:	Verizon shall not be responsible for building, maintaining or
		A Trouble Isolation Charge (TIC) will apply unless the splitter eard removal	servicing the TOPIC and shall not provide any power that might be
		does not substantially improve the service quality in the low frequency portion	required by AT&T for any electronics in the TOPIC. AT&T shall
		of the loop. If the splitter removal does not result in a material improvement in	provide any easement, Right of Way or trenching or other supporting
		the quality of service in the low frequency portion of the loop, the splitter will	structure required for any portion of an interconnecting cable that
		immediately be re-inserted and no TIC applies. For splitters deployed in	runs beyond a Verizon easement.
		AT&T collocation, Verizon may request that AT&T disable its services in the	
		high frequency portion of the shared loop. Upon disabling of the service by	11.2.14.6.4 AT&T may request from Verizon by submitting a
		AT&T, Verizon will immediately report if the degradation of the service in the	loop make-up engineering query to Verizon, and Verizon shall
		low frequency portion was resolved by the action. If the degradation is not	provide to AT&T, the following information regarding a Sub-Loop
- 1		resolved, then AT&T may re-establish service at its own discretion.	Distribution facility that serves an identified Customer: the Sub-Loop
			Distribution's length and gauge, whether the Sub-Loop Distribution
		1.8.2.3 If interruption of the services in the high frequency portion	has loading and bridged tap, the amount of bridged tap (if any) on the
		resolves the degradation of service in the low frequency portion of the shared	Sub-Loop Distribution facility and the location of the FDI to which
		loop, upon notification from AT&T that any malfunction relating to AT&T's	the Sub-Loop Distribution facility is connected.
ł		service has been cleared, Verizon will restore the splitter on the retail	
		customer's Loop within 6 hours in cases where AT&T has deployed the splitter	11.2.14.6.5 To order access to a Sub-Loop Distribution facility,
		in common collocation space or Verizon has deployed the splitter for AT&T.	AT&T must first request that Verizon connect the Verizon FDI to
			which the Sub-Loop Distribution facility is connected to an AT&T
		1.8.2.4 Verizon shall not be liable for damages of any kind for	TOPIC. To make such a request, AT&T must submit to Verizon an
		temporary disruptions to AT&T's service that are the result of the	application (a "Sub-Loop Distribution Facility Interconnection
		above steps taken in good faith to restore the end user's service in the	Application") that identifies the FDI at which AT&T wishes to access
L		low frequency portion of the loop, and the indemnification provisions	the Sub-Loop Distribution facility. A Sub-Loop Distribution Facility
KEY WHE	RE DISTINCTION AMONG PETITIONERS IS NECESSARY: Wo	orldCom (bold); Cox (underline text); AT&T (italic).	

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		set forth in Section 24 shall control in such instances.	Interconnection Application shall state the location of the TOPIC, the
			size of the interconnecting cable and a description of the cable's
		1.3.8 A Trouble Isolation Charge (TIC) will not apply	supporting structure. A Sub-Loop Distribution Facility
		unless the removal of the advanced service from a line sharing configuration	Interconnection Application shall also include a five-year forecast of
1		substantially improves the service quality in the low frequency portion of the	AT&T's demand for access to Sub-Loop Distribution facilities at the
		loop. If removal of the advanced service capability from the line sharing	requested FDI. AT&T must submit the application fee as determined
		configuration does not result in a material improvement in the quality of	by Verizon (a "Sub-Loop Distribution Application Fee") with a Sub-
ļ		service in the low frequency portion of the loop. Verizon shall immediately re-	Loop Distribution Facility Interconnection Application. AT&T must
		establish the advanced service capability and no TIC shall apply.	submit Sub-Loop Distribution Facility Interconnection Applications
			to:
		1.9 Verizon shall establish wholesale billing	
		procedures and deliver usage records for Line Splitting arrangements that	1994 18 14
		employ the UNE P platform that provide parity support to the support provided	USLA Project Manager
		when Verizon is engaged in Line Sharing either with its own retail operations,	Verizon
1		an affiliate of Verizon or non-affiliate. Unless specifically provided below or	Room 509
i		otherwise agreed by AT&T, wholesale billing and usage records procedures	125 High Street
		shall use the same operational procedures and interfaces used for a UNE P	Boston, MA 02110
		configuration that does not provide service in the HFS. In particular, but	E-Mail:
		without limitation, all usage records and invoicing for UNEs provided by	Collocation.applications@BellAtlantic.com
		Verizon in support of Line Splitting shall conform to those used for UNE-P	
		except as specifically agreed to in writing by AT&T.	11.2.14.6.6 Within sixty (60) days after it receives a complete
			Sub-Loop Distribution Facility Interconnection Application for access
İ		1.10 Independent of any other tracking	to a Sub-Loop Distribution Facility and the Sub-Loop Distribution
		obligation established in this Agreement or by any regulatory body, Verizon	Application Fee for such application, Verizon shall provide to AT&T
		shall track its performance in support of Line Splitting by AT&T and provide	a work order that describes the work that Verizon must perform to
		the performance results for the following metrics on a monthly basis. Such	provide such access (a "Sub-Loop Distribution Work Order") and a
		reports shall separately state the performance results for AT&T and Verizon's	statement of the cost of such work (a "Sub-Loop Distribution
		support for Line Sharing when (a) its retail operation is providing service in	Interconnection Cost Statement").
		the loop HFS, (b) an affiliate of Verizon is providing service in the loop HFS,	1121467 4707 1 11
		and (c) a non-affiliated entity is providing service in the loop HFS:	11.2.14.6.7 AT&T shall pay to Verizon fifty percent (50%) of
			the cost set forth in a Sub-Loop Distribution Interconnection Cost
		1.10.1 Retail Customer voice service interruption interval when	Statement within sixty (60) days of AT&T's receipt of such statement
		service in the HFS is added to lines with operating voice service.	and the associated Sub-Loop Distribution Work Order, and Verizon
		separately reported for configurations where the splitter is in common	shall not be obligated to perform any of the work set forth in such
		collocation and where the splitter is in CLEC collocation,	order until Verizon has received such payment. A Sub-Loop
			Distribution Interconnection Application shall be deemed to have
		1.10.2 Trouble report rate for the voice service within 30 days of	been withdrawn if AT&T breaches its payment obligation under this
		adding service in the HFS,	Section 11.2.14.6.7. Upon Verizon's completion of the work that
			Verizon must perform to provide AT&T with access to a Sub-Loop
		ANY NY INC. (L.I.) C. (L.I.) (TATA) II	Distribution facility, Verizon shall bill AT&T, and AT&T shall pay to

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		1.10.3 Trouble report rate.
		1.10.4 Mean time to repair.
		1.10.5 Repeat trouble reports within 30 days.
		1.10.6—% of initially confirmed due dates met,
		1.10.7. Average FOC interval, and
		1.10.8. Average provisioning interval.
		1.444 Verizon also agrees to provide the following support and permit the following operational activities that may be required in order to operationalize Line Splitting:
		1.44.1 Verizon will not require that AT&T connect the unbundled Loop element and the unbundled local switching element in collocation, except in those instances where the splitter necessary to separate the low and high frequency spectra is located in AT&T's collocation space.
		1.44.2 Verizon will permit provide collocation-to-collocation connections between AT&T and other carriers' collocation space, regardless of the carrier owning the collocation, provided only that the two collocation sites are in the same Verizon Central Office building. AT&T shall have the option to request that Verizon provide the cross-connecting facility or to provide and install the facility itself. Such cross-connecting facilities may either be copper or fiber, at AT&T's choice, and Verizon shall not require the use of equipment or additional cross-connection points between the two collocation locations except those that may be necessary to assure proper operation of the connection.
		1.4.2.1 AT&T will order cross-connects pursuant to section 201 only when it has reason to believe that such facilities will carry at least 10% interstate traffic. Verizon may not dispute this certification and must provision the request promptly. If Verizon believes the certification is

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Verizon, the balance of the cost set forth in the Sub-Loop Distribution
Interconnection Cost Statement for such access.

11.2.14.6.8 After Verizon has completed the installation of the interconnecting cable to an AT&T TOPIC and AT&T has paid the full cost of such installation, AT&T can request the cross connection of a Verizon Sub-Loop Distribution facility to the AT&T TOPIC. At the same time, AT&T shall advise Verizon of the services that AT&T plans to provide over the Sub-Loop Distribution facility, request any conditioning of the Sub-Loop Distribution facility and assign the pairs in the interconnecting cable. AT&T shall run any crosswires within the TOPIC.

If AT&T requests that Verizon reactivate an unused 11.2.14.6.9 drop and NID, then AT&T shall provide dial tone (or its DSL equivalent) on the AT&T side of the applicable Verizon FDI at least twenty four (24) hours before the due date. On the due date, a Verizon technician will run the appropriate cross connection to connect the Verizon Sub-Loop Distribution facility to the AT&T dial tone or equivalent from the TOPIC. If AT&T requests that Verizon install a new drop and NID, then AT&T shall provide dial tone (or its DSL equivalent) on the AT&T side of the applicable Verizon FDI at least twenty four (24) hours before the due date. On the due date, a Verizon technician shall run the appropriate cross connection of the facilities being reused at the Verizon FDI and shall install a new drop and NID. If AT&T requests that Verizon provide AT&T with access to a Sub-Loop Distribution facility that, at the time of AT&T's reauest, Verizon is using to provide service to a Customer, then, after AT&T has looped two interconnecting pairs through the TOPIC and at least twenty four (24) hours before the due date, a Verizon technician shall crosswire the dial tone from the Verizon central office through the Verizon side of the TOPIC and back out again to the Verizon FDI and Verizon Sub-Loop Distribution facility using the "loop through" approach. On the due date, AT&T shall disconnect Verizon's dial tone, crosswire its dial tone to the Sub-Loop Distribution facility and submit AT&T's long-term number portability request.

11.2.14.6.10 Verizon shall not provide access to a Sub-Loop Distribution facility if Verizon is using the loop of which the Sub-

inaccurate, it shall present its written rationale supporting its dispute

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		to AT&T. If the parties fail to reach mutual agreement regarding the nature of the traffic and the disposition of the facility within sixty (60) days of such submission, Verizon may file a complaint with the FCC pursuant to section 208 of the Act.	Loop Distribution facility is a part to provide line sharing service to another CLEC or a service that uses derived channel technology to a Customer unless such other CLEC first terminates the Verizon-provided line sharing or such Customer first disconnects the service
		1.444.3 Without prejudging AT&T's right to collocate for circuit switching equipment. Verizon will permit and will not restrict AT&T's right to collocate equipment that performs packet switching or contains packet switching as one function of multi-function	that utilizes derived channel technology. 11.2.14.6.11 Verizon shall provide AT&T with access to a Sub- Loop Distribution facility in accordance with negotiated intervals.
		equipment, provided only that the equipment conforms to the minimum NEBS safety and engineering standards applicable to other Verizon's own equipment. that may be collocated.	11.2.14.6.12 Verizon shall repair and maintain a Sub-Loop Distribution facility at the request of AT&T and subject to the time and material rates set forth in Exhibit A. AT&T accepts responsibility for initial trouble isolation for Sub-Loop Distribution facilities and
		1.4.3.1 If Verizon believes that equipment containing packet switching functionality also contains functionality that is not necessary for access to UNEs or interconnection and that the presence of such functionality might foreclose AT&T's right to	providing Verizon with appropriate dispatch information based on its test results. If (a) AT&T reports to Verizon a Customer trouble, (b) AT&T requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Verizon Sub-Loop Distribution
		collocate such equipment under the FCC's Rules, Verizon shall provide written notification to AT&T that it believes AT&T has deployed or plans to collocate equipment that is not allowed under those rules, stating the reasons for its contentions. If the Parties fail	facilities or equipment in whole or in part, then AT&T shall pay Verizon the charge set forth in Exhibit A for time associated with said dispatch. In addition, this charge also applies when the Customer contact as designated by AT&T is not available at the appointed time.
		to reach mutual agreement within sixty (60) days of such submission. Verizon may seek appropriate state and or FCC intervention in the dispute. AT&T may continue to use and/or deploy the subject equipment until Verizon obtains a final and non-appealable ruling in	If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site on Verizon company premises ("dispatch in"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon. If as the result of AT&T
		its favor on the matter, and Verizon may not refuse to interconnect the disputed equipment to the Verizon network unless an expansion of an AT&T collocation space is required solely to permit placement of such equipment. In any such dispute, Verizon hears the burden of	instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon.
		proof to show that the equipment at issue fails to comply with the FCC's rules. 1.125 At AT&T's request, Verizon shall provide in	11.2.14.6.13 Rates for Sub-Loop Distribution facilities shall be established in accordance with Section 11.11.1 of this Agreement.
		Virginia the same functionality and operational support as is agreed to between the Parties in the collaborative sessions occurring in New York or that is directed by the New York State Public Service Commission with respect to	11.2.14.6.14 To the extent required by Applicable Law, Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance, with, and subject to, the
		the implementation of Line Sharing or Line Splitting. To the extent that AT&T makes such a request of Verizon in Virginia, unless AT&T specifically agrees in writing, such functionality and support shall be implemented in Virginia	rates, terms and conditions set forth in Section 13 of this Agreement. 11.2.14.7 <u>Feeder Sub-Loop</u>
		contemporaneously with that implemented in New York, and the	

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1,1,040 11,01		implementation of such functionality and operational support shall be identical	11.2.14.7.1 Subject to the conditions set forth in Section 11.7
		to that in New York, including their impacts on AT&T's internal operations	and upon request, Verizon shall provide AT&T with access to a
		and OSS interfaces. Except as expressly provided in this agreement. Verizon-	Feeder Sub-Loop (as such term is hereinafter defined) in accordance
		VA shall support line sharing and line splitting with operational capabilities	with, and subject to, the terms and provisions of this Section 11.2.14.
		within Virginia in the manner established through the New York DSL Process.	A Feeder Sub-Loop means a DSI- or DS3- transmission path over a
ļ		Verizon's delivery of support for line sharing and line splitting shall be	feeder facility in Verizon's network between a Verizon end office and
		monitored in the same manner as in New York, using the performance	either a Verizon remote terminal equipment enclosure (an "RTEE")
		measurements and performance standards agreed to in the New York Carrier	that subtends such end office or a TOPIC (as such term is hereinafter
		Working Group and those resolved by order of the New York Public Service	defined) located within 100 feet of a Verizon feeder distribution
		Commission in the absence of such agreement. In the event that Verizon	interface (such an interface, an "FDI") that subtends the end office
		delivers operational support to itself or an affiliate that is superior to that	and that AT&T has established in accordance with, and subject to the
		specified as the performance standard for line sharing and line splitting as	terms and provisions of, an agreement between Verizon and AT&T
		provided in the New York Carrier Working Group, then such performance	that governs the establishment of such TOPIC.
		shall serve as the standard in lieu of any absolute performance standards.	
			11.2.14.7.2 AT&T may obtain access to a Feeder Sub-Loop
		1.5.1 Except as expressly provided in this agreement, all	only from an AT&T collocation arrangement in the Verizon end office
		outputs other than rates from the New York DSL Process ("New York	where such Feeder Sub-Loop originates and Verizon shall terminate
		Outputs") shall apply in Virginia, including published operating procedures, agreements (both industry-wide and between AT&T and Verizon), tariffs and	a Feeder Sub-Loop in an RTEE that subtends such end office only if
		orders of the New York Public Service Commission, unless AT&T has expressly	AT&T has a collocation arrangement in such RTEF. Upon AT&T's request, Verizon will connect a Feeder Sub-Loop to an AT&T
		agreed otherwise, or unless the Virginia State Corporation Commission has	collocation arrangement in the Verizon end office where the Feeder
		issued an order applying Federal law that specifically directs that different	Sub-Loop originates and to either an AT&T collocation arrangement
		rules or processes should apply.	in the Verizon RTEE that subtends such end office or an AT&T
		These or processes showed apprix.	Telecommunications Carrier outside plant interconnection cabinet
		1.5.2 Unless otherwise mutually agreed by the parties, the	(such a cabinet, a "TOPIC") located within 100 feet of the FDI that
		operational interfaces and standards governing those interfaces with which	subtends the end office and that AT&T has established in accordance
		AT&T must comply, including but not limited to the form, format and the	with, and subject to the terms and provisions of, an agreement
		required/optional nature of information that must be exchanged, shall not vary	between Verizon and AT&T that governs the establishment of such
		in any material manner between New York and Virginia. In the event of a	TOPIC. Verizon shall connect a Feeder Sub-Loop to the point of
		dispute, Verizon shall have the burden of proving that any proposed variations	termination bay of an AT&T collocation arrangement and to an
		are not material.	AT&T TOPIC by installing appropriate cross connections and
			Verizon shall be solely responsible for installing such cross
			connections. AT&T may obtain access to a Feeder Sub-Loop between
		1.5.3 Within thirty (30) days of approval of this	an end office and an RTEE or a TOPIC only if DSI- or DS3-capable
		Agreement, Verizon shall identify and provide to AT&T copies of all	transmission facilities are available and not in use between such
		documentation defining the operational procedures employed in New York that	office and RTEE or TOPIC. If a DSI- or DS3-capable transmission
		AT&T must follow and that Verizon will support when AT&T seeks to engage	facility is not available between an end office and an RTEE or TOPIC
		in line sharing or line splitting. Subsequent expansion or modification of	or if such a facility is available but is in use between such office and
		operational documentation shall be handled according to procedures in	RTEE or TOPIC, then Verizon shall construct such a facility upon
		subsections 3.1 and 3.2 helow, to assure that the operating procedures	request by AT&T and subject to Verizon's special construction terms,

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		established by the New York DSL Process are accurately reflected.
		1.5.3.1 AT&T will review the documentation supplied by Verizon
		and identify all areas where it believes (i) further clarification is required, (ii)
		the documentation is incomplete or (iii) the documentation does not accurately
		reflect AT&T's understanding of the agreements reached or orders issued in connection with the New York DSL Process. Verizon shall respond to AT&T
		within ten (10) days, with a written proposal for disposing of the issues raised.
		1.5.3.2 If the parties cannot reach agreement regarding
}		modifications to the applicable documentation or the timing of changes to the
		documentation, as proposed by Verizon, either party may submit open issues to
		the Dispute Resolution process as specified in Section 28.11 of this agreement upon ten (10) days notice to the other party of its intent to do so.
		1.5.4 Either party may request modification, clarification or expansion of any existing operational documentation. In such cases, the
		requesting party shall propose the change or make the request in writing after
		which the provisions of Section 1.5.3 above shall apply.
		1.5.5 In the event of a conflict, operational detail set forth in
		agreed upon process documentation shall prevail over material produced solely by Verizon, including but not limited to Verizon handbooks or material
		on a Verizon web site.
		1.5.6 New York Outputs shall generally be implemented in
		Firginia contemporaneously with their implementation in New York. In no
		event shall Verizon-VA's implementation of such outputs take longer than
		thirty (30) days from the New York implementation date, unless AT&T agrees to such an extension or unless Verizon-VA has applied for and received
		permission from the Virginia State Corporation Commission to employ a
		different schedule or to deploy different functionality. In such cases, Verizon- VA shall provide AT&T with notice of its intention to seek an extension from
}		the Virginia State Corporation Commission at the same time it files its request
		with the Commission.
		1.5.7 Either party may petition the Virginia State
}		Corporation Commission to delay or modify implementation of obligations
		established through the New York DSL Process. The petitioning party shall be responsible for demonstrating why conditions vary between Virginia and New
KEY WHER	E DISTINCTION AMONG PETITIONERS IS NECESSARY: Wo	<u> </u>

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conditions and rates. A location must be fed by fiber to be eligible for a DS3 Unbundled Feeder Sub-loop Element (UFSE) services. Fiber Optic facilities will not be constructed to deliver a UFSE service.

- AT&T shall run any crosswires within an AT&T 11.2.14.7.3 physical collocation arrangement and an AT&T TOPIC and AT&T will have sole responsibility for identifying to Verizon where a Feeder Sub-Loop should be connected to an AT&T collocation arrangement. AT&T shall be solely responsible for providing power and space for any cross connects and other equipment that Verizon installs in a TOPIC, and AT&T shall not bill Verizon, and Verizon shall not pay AT&T, for providing such power and space.
- 11.2.14.7.4 Verizon shall not be obligated to provide to AT&T any multiplexing at an RTEE or at a TOPIC or to combine a Feeder Sub-Loop with a Distribution Sub-Loop. If AT&T requests access to a Feeder Sub-Loop and a Distribution Sub-Loop that are already combined, such combination shall be deemed to be a loop and Verizon shall provide such loop to AT&T in accordance with, but only to the extent required by, the terms, provisions and rates in the Interconnection Agreement that govern loops, if any.
- Verizon shall provide AT&T with access to a 11.2.14.7.5 Feeder Sub-Loop in accordance with negotiated intervals.
- Verizon shall repair and maintain a Feeder Sub-11.2.14.7.6 Loop at the request of AT&T and subject to the time and material rates set forth in Exhibit A. AT&T may not rearrange, disconnect. remove or attempt to repair or maintain any Verizon equipment or facilities without the prior written consent of Verizon. AT&T accepts responsibility for initial trouble isolation for Feeder Sub-Loops and providing Verizon with appropriate dispatch information based on its test results. If (a) AT&T reports to Verizon a trouble, (b) AT&T requests a dispatch, (c) Verizon dispatches a technician, and (d) such trouble was not caused by Feeder Sub-Loop facilities or equipment in whole or in part, then AT&T shall pay Verizon the charge set forth in Exhibit A for time associated with said dispatch. In addition, this charge also applies when an AT&T contact as designated by AT&T is not available at the appointed time. If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site on

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		York, such that delayed or modified implementation is justified in Virginia, and there will be a strong presumption that such differences do not exist. For obligations established prior to the effective date of this agreement, any such petition shall be filed within thirty (30) days of the effective date hereof. For obligations established after the effective date of this agreement, any such request shall be filed within thirty (30) days of the agreement or ruling in New York that establishes such obligation.	Verizon company premises ("dispatch in"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon. If as the result of AT&T instructions, Verizon is erroneously requested to dispatch to a site outside of Verizon company premises ("dispatch out"), a charge set forth in Exhibit A will be assessed per occurrence to AT&T by Verizon.
		1.5.8 If a New York Output is not practically available in New York within the time frame specified in New York, AT&T may seek expedited implementation within Virginia through use of the Alternative	11.2.14.7.7 Rates for Feeder Sub-Loop shall be established in accordance with Section 11.11.1 of this Agreement.
		Dispute Resolution process described in Section 28.11. If no specific and binding timeframe for implementation is specified for an output of the New	Collocation required for Advanced Services
		York Output, AT&T may seek implementation of that output pursuant to a specific time line for Virginia through application of the Alternative Dispute	13.0 COLLOCATION SECTION 251(c)(6)
		Resolution process.	13.1 To the extent required by Applicable Law, Verizon shall provide Collocation for the purpose of facilitating AT&T's
		1.5.9 If the New York DSL Collaborative is operating at the time, all requests for modifications to or expansion of Verizon-VA's operational support for line sharing or line splitting capabilities shall first be	Interconnection with facilities or services of Verizon or access to unbundled Network Elements of Verizon, except as otherwise mutually agreed to in writing by the Parties. Such Collocation shall
		submitted to the appropriate body in the collaborative process in New York unless the parties have mutually agreed to implement the change for Virginia.	be provided pursuant to Verizon's applicable federal and state Tariffs as amended from time to time.
		1.5.9.1 If the New York DSL Collaborative fails to resolve such a request within six months of the initial request, the proponent may seek	13.2 [Intentionally omitted]
		adoption of the request in Virginia through the Alternative Dispute Resolution Process. The proponent of the change shall be responsible for demonstrating	13.3 In the course of implementing a Collocation project, Verizon shall:
		that the request should be adopted in Virginia, and there shall be a strong presumption that modifications not addressed though the New York DSL Collaborative process should not be made in Virginia.	(a) identify the Collocation project manager assigned to the project;
		1.5.10 If the New York DSL Collaborative process is no longer operating, or is no longer considering modifications to Verizon's DSL obligations, then the proponent of a change in Virginia shall first seek to negotiate the desired change with the other party. If the parties are unable to	(b) develop a written comprehensive "critical tasks" timeline detailing the work (and relative sequence thereof) that is to be performed by each Party or jointly by both Parties; and
		reach agreement within thirty (30) days of the initial request, either party may seek resolution of open issues through the Alternative Dispute Resolution process. The proponent of the change shall be responsible for demonstrating	(c) provide AT&T with the relevant engineering requirements.
		that the request should be adopted in Virginia, but there shall be no presumption regarding the reasonableness of making the change for Virginia	13.4 AT&T shall purchase Cross Connection to Verizon services
KEY WHER	E DISTINCTION AMONG PETITIONERS IS NECESSARY: WO	orldCom (bold); Cox (underline text); AT&T (italic).	

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134(10)	Success Consider	only. 1.5.11 If a tariff, operating procedure or other applicable documentation is withdrawn in New York, and no appropriate alternative document is identified to take its place, then the most recent version of the publicly available New York documentation that existed prior to the withdrawal in New York shall continue to govern operations in Virginia until replacement material is agreed upon by AT&T or ordered by the Virginia State Corporation Commission.	or facilities as described in Verizon's applicable Tariffs. 13.5 AT&T agrees to provide to Verizon, upon Verizon's request, Collocation of equipment for purposes of Interconnection (pursuant to Section 4) and Cross Connection on non-discriminatory rates, terms and conditions. 13.6 Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with.
			and subject to, the rates, terms and conditions set forth in applicable Verizon tariffs, as amended from time to time, and Verizon shall do so regardless of whether or not such rates, terms and conditions are effective. Notwithstanding anything else set forth in this Agreement, Verizon shall allow AT&T to collocate equipment in a Verizon remote terminal equipment enclosure in accordance with, but only to the extent required by, Applicable Law.
			Loop Qualification:
			11.2.12 "Digital Designed Loops" are comprised of designed loops that meet specific AT&T requirements for metallic loops over 18k ft. or for conditioning of ADSL, HDSL, IDSL, SDSL or BRI ISDN (Premium) Loops. "Digital Designed Loops" may include requests for:
			A) a 2W Digital Designed Metallic Loop with a total loop length of 18k to 30k ft., unloaded, with bridged tap(s) removed, at AT&T's option;
			B) a 2W ADSL Loop of 12k to 18k ft. with bridged tap(s) removed, at AT&T's option;
			C) a 2W ADSL Loop of less than 12k ft. with bridged tap(s) removed, at AT&T's option;
			D) a 2W HDSL Loop of less than 12k ft. with bridged tap(s) removed, at AT&T's option;
			E) a 4W HDSL Loop of less than 12k ft with bridged

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			tap(s) removed, at AT&T's option;
			F) a 2W Digital Designed Metallic Loop with Verizon-placed ISDN loop extension electronics;
			G) a 2W SDSL Loop with bridged tap(s) removed, at AT&T's option;
			H) a 2W IDSL Loop of less than 18k ft. with bridged tap(s) removed, at AT&T's option.
			Requests for repeaters for 2W and 4W HDSL Loops with lengths of 12k ft. or more shall be considered pursuant to the Network Element Bona Fide Request process set forth in Exhibit B.
			11.2.12.1 Verizon shall make Digital Designed Loops available to AT&T at the rates as set forth in Exhibit A.
			11.2.12.2 The following ordering procedures shall apply to the Digital Designed Loops (Section 11.2.9.2, Items A-H):
			A. AT&T shall place orders for Digital Designed Loops by delivering to Verizon a valid electronic transmittal service order or other mutually agreed upon type of service order. Such service order shall be provided in accordance with industry format and specifications or such format and specifications as may be agreed to by the Parties.
			B. Verizon is in the process of conducting a mechanized survey of existing Loop facilities, on a Central Office by Central Office basis, to identify those Loops that meet the applicable technical characteristics established by Verizon for compatibility with ADSL, HDSL, SDSL, IDSL and ISDN signals. The results of this made are the size of survey will be stored in a reachestical survey.
			mechanized survey will be stored in a mechanized datahase that is made available to AT&T on a non-discriminatory basis. AT&T may utilize this mechanized loop qualification database, where available, in advance of submitting a valid electronic transmittal service order for an ADSL, HDSL, SDSL, IDSL or ISDN Loop; provided, however,

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135uc 170.	Statement of 1994	rendoners i roposed Contract Danguage	Query if the mechanized loop qualification database is not available or if AT&T chooses not to utilize such database. Charges for mechanized loop qualification information, Engineering Query, and manual loop qualification are set forth in Exhibit A.
			C. If the Loop is not listed in the mechanized database described in section (B) above, AT&T must request either a manual loop qualification or Engineering Query prior to or in conjunction with submitting a valid electronic service order for an ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop. The rates for manual loop qualification and Engineering Query are set forth in Exhibit A. If the Loop requires qualification manually or through an Engineering Query, three (3) husiness days (or a shorter period if required under Applicable Law) following receipt of AT&T's valid and accurate request will be generally required before a FOC or a query can be issued to AT&T with the Loop qualification results. Verizon may require additional time to complete the Engineering Query where there are poor record conditions, spikes in demand or other unforeseen events, unless such additional time is not permitted pursuant to an effective Commission order.
			D. If the query to the mechanized loop qualification database or if the manual loop qualification indicates that a Loop does not qualify (e.g., because it does not meet the applicable technical parameters set forth in the Loop descriptions above), AT&T may request an Engineering Query to obtain more information regarding the characteristics of the loop itself. Subject to the terms herein, including but not limited to Section 11.2.12.2(C) above, Verizon will respond to an Engineering Query with information from Verizon cable records such as amount and location of bridged taps, number and location of load coils, location of digital loop carrier, or cable gauge at specific locations.
	ICTION AMONG BET TIONERS IS NECESSARY.		E. If AT&T submits a service order for an ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop that has not been prequalified as required in accordance with subsection 11.2.12.2(B) above, Verizon will query the service order back to AT&T for qualification and will not accept such service order until the Loop has been so prequalified (i.e. manual, mechanized, or engineering query). If AT&T submits a service order for an ADSL, HDSL, SDSL, IDSL or

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			BRI ISDN Loop that is, in fact, found not to be compatible with such services in its existing condition, Verizon will respond back to AT&T with a "Nonqualified" indicator and with information showing whether the non-qualified result is due to the presence of load coils, presence of digital loop carrier, or loop length (including bridged tap).
			F. Where AT&T has followed the manual or mechanized prequalification procedure described above resulting in the determination that a Loop is not compatible with ADSL, HDSL, SDSL, IDSL or BRI ISDN service in its existing condition (e.g., the results of the manual or mechanized prequalification query indicate that a Loop does not qualify due to factors such as the presence of load coils, presence of digital loop carrier, loop length (including bridged tap) or for any other reason that may be revealed through loop qualification), AT&T, together with its order or prior to submitting an order for service, may request an Engineering Query to determine whether conditioning may make the Loop compatible with the applicable service; or if AT&T is already aware of the conditioning required (e.g., where AT&T has previously requested a manual loop qualification or an Engineering Query), AT&T may submit a service order for a Digital Designed Loop. Verizon will undertake to condition or extend the Loop in accordance with this Section 11.2.9 upon receipt of AT&T's valid, accurate and prequalified service order for a Digital Designed Loop.
			11.2.12.3 The Parties will make reasonable efforts to coordinate their respective roles in order to minimize Digital Design Loop provisioning problems. In general, unless and until a shorter period is required under Applicable Law, where conditioning or loop extensions are requested by AT&T, an interval of eighteen (18) business days will be required by Verizon to complete the loop analysis and the necessary construction work involved in conditioning and/or extending the loop as follows:
			A. Three (3) business days will be required following receipt of AT&T's valid, accurate and pre-qualified service order for a Digital Designed Loop to analyze the loop and related plant records and to create an Engineering Work Order.

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issue No.	Statement of Issue	retitioners Proposed Contract Language	Verizon's Proposed Contract Language B. Upon completion of an Engineering Query, Verizon will initiate the construction order to perform the changes/modifications to the Loop requested by AT&T. Conditioning activities are, in most cases, able to be accomplished within fifteen (15) business days. Unforeseen conditions may add to this interval, unless such additional time is not permitted pursuant to Applicable Law.
			C. After the engineering and conditioning tasks have been completed, the standard Loop provisioning and installation process will be initiated, subject to Verizon's standard provisioning intervals.
			11.2.12.4 If AT&T requires a change in scheduling, it must contact Verizon to issue a supplement to the original service order. If AT&T cancels the request for conditioning after a loop analysis has been completed but prior to the commencement of construction work, AT&T shall compensate Verizon for an Engineering Work Order charge as set forth in Exhibit A. If AT&T cancels the request for conditioning after the loop analysis has been completed and after construction work has started or is complete, AT&T shall compensate Verizon for an Engineering Work Order charge as well as the charges associated with the conditioning tasks performed as set forth in Exhibit A.
111-10-1	The parties disagree about the degree of specificity appropriate to this contract language, especially language concerning loop qualification and line splitting migrations. Verizon believes such operatic nal language is not needed in or appropriate for the interco and in agreement.	Resolved	Resolved
III-10-2	MCIm proposes a three business day interval for Line Sharing, while Verizon proposes a six business day interval.	Resolved	Resolved
111-10-3	MCIm proposes that Verizon's Line Sharing and line splitting obligation apply to fiber fed Loops as well as copper Loops. Verizon proposes that these obligations be limited to copper loops.	Resolved	Resolved
111-10-4	MCIm proposes that when Verizon upgrades its network to provide DSL-based services out of remote terminals, it be given access to those remote fi cilities (or to Loops attached to those remote facilities) on the same terms and conditions as	4.10. DSL Based Services Provided Out of Digital Loop Carrier Equipment. If and when Verizon upgrades its network to provide DSL-based services out of remote terminals, Verizon commits to provide access to remote facilities and to Loops attached to those remote facilities on the	2. Verizon's Provision of UNEs Subject to the conditions set forth in Section 1, in accordance with, but only to the extent required by,

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	Verizon has access or provide: access to its affiliates.	same terms and conditions as Verizon has access or provides access to its affiliates.	Applicable Law, Verizon shall provide **CLEC access to the following:
			2.1 Loops, as set forth in Section 3;
111-10-5	MCIm proposes that Verizon commit to processes and procedures it has adopted in New York and Massachusetts, and has committed to adopt in Pennsylvania regarding Line Sharing and line splitting OSS, Line Sharing and line splitting processes, and in par icular the migration of UNE-P customers to Line Sharing or ine splitting arrangements.	Resolved	2.2 Line Sharing, as set forth in Section 4 Resolved
111-10-6	MCIm is willing to negotiate vith Verizon based on Verizon's proposed contract language set out in sections 3 and 4 of its addendum, "Loop Transmission Types," and "Line Sharing."	Resolved	Resolved
111-10-7	The parties also note that beer use of relevant pending FCC proceedings relevant to this is: ue, the parties' dispute over appropriate "change of law" I inguage is highly relevant to this issue.	Resolved	Resolved
III-10.A	Must Verizon implement both live sharing and line splitting in a nondiscriminatory and commercially reasonable manner that allows AT&T to provide service. in the high frequency spectrum of an existing line on which Verizon provides voice service (line sharing) or on a loop facility provided to AT&T as a UNE-loop or as part of a UNE-P combination (line splitting)? (Pfau Direct at 113-116)	See AT&T Contract Language For III.10.	See Verizon's proposed contract language to AT&T for III-10.
III-10-B	Must Verizon implement line splitting in a nondiscriminatory and commercially reasonable manner that allows AT&T to provide services in the high frequency spectrum of an existing line on which Verizon provides voice se vice (line sharing) or on a loop facility provided to AT&T as a UNE-loop or as part of a UNE-P combination (line splitting)?	See AT&T Contract Language For III.10.	See Verizon's proposed contract language to AT&T for III-10.
III-10.B.1	Must all aspects of the operation al support delivered to AT&T in support of line sharing and line plitting arrangements with	See AT&T Contract Language For III.10.	See Verizon's proposed contract language to AT&T for III-10.

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	Verizon [] be at no less than parity as compared to the support provided when Verizon engages in line sharing with its own		1
	retail operation, with an affiliated carrier, or with unaffiliated		
ļ	carriers in reasonably similar ecuipment configurations? (Pfau		
	Direct at 119 – 122)		
III-10-B.2	Must Verizon immediately provi le AT&T with the procedures it	See AT&T Contract Language For 111.10.	See Verizon's proposed contract language to AT&T § 11.2.18.1
III-10-B.3	proposes to implement line split ing on a manual basis? Must Verizon implement electronic OSS, that are uniform with	See AT&T Contract Language For III-10.	quoted at Issue III-10. See Verizon's proposed contract language to AT&T for III-10.
111-10-6.3	regards to carrier interface requirements, to implement line	See AT&T Contract Language For III-10.	see verizon's proposed contract language to AT&T for III-10.
	splitting contemporaneously wit i its implementation of such		
1	capabilities in New York, but in 10 event later than January		
	2002? (Pfau)		
İ	Must Verizon provide automatee' access to all loop qualification data to AT&T simultaneously with providing automated access	See AT&T Contract Language For 111.10.	11.2.12.2 The following ordering procedures shall apply to
H-10-B.4	to itself or any other carrier, including non-discriminatory		the Digital Designed Loops (Section 11.2.9.2, Items A-H):
11-10-15.4	treatment with regard to planning and implementation activities preceding delivery of the automated access?		A. AT&T shall place orders for Digital
			Designed Loops by delivering to Verizon a valid electronic
1			transmittal service order or other mutually agreed upon type of
			service order. Such service order shall be provided in accordance
1			with industry format and specifications or such format and specifications as may be agreed to by the Parties.
			specytcutions as may be agreed to by the Fartles.
			B. Verizon is in the process of conducting a
			mechanized survey of existing Loop facilities, on a Central Office by
			Central Office basis, to identify those Loops that meet the applicable
			technical characteristics established by Verizon for compatibility with
	·		ADSL, HDSL, SDSL, IDSL and ISDN signals. The results of this mechanized survey will be stored in a mechanized database that is
			made available to AT&T on a non-discriminatory basis. AT&T may
ļ			utilize this mechanized loop qualification database, where available,
)			in advance of submitting a valid electronic transmittal service order
			for an ADSL, HDSL, SDSL, IDSL or ISDN Loop; provided, however,
			AT&T shall request manual loop qualification or an Engineering
			Query if the mechanized loop qualification database is not available or if AT&T chooses not to utilize such database. Charges for
			mechanized loop qualification information, Engineering Query, and
			manual loop qualification are set forth in Exhibit A.
L	<u> </u>		C. If the Loop is not listed in the mechanized

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			database described in section (B) above, AT&T must request either a
			manual loop qualification or Engineering Query prior to or in
			conjunction with submitting a valid electronic service order for an ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop. The rates for manual
			loop qualification and Engineering Query are set forth in Exhibit A.
	,		If the Loop requires qualification manually or through an
			Engineering Query, three (3) business days (or a shorter period if
			required under Applicable Law) following receipt of AT&T's valid
			and accurate request will be generally required before a FOC or a
i			query can be issued to AT&T with the Loop qualification results.
			Verizon may require additional time to complete the Engineering
ļ			Query where there are poor record conditions, spikes in demand or
			other unforeseen events, unless such additional time is not permitted
			pursuant to an effective Commission order.
		•	D. If the query to the mechanized loop
1		·	qualification database or if the manual loop qualification indicates
Í			that a Loop does not qualify (e.g., because it does not meet the
ĺ			applicable technical parameters set forth in the Loop descriptions
İ			above), AT&T may request an Engineering Query to obtain more
ì			information regarding the characteristics of the loop itself. Subject to
			the terms herein, including but not limited to Section 11.2.12.2(C)
1			above, Verizon will respond to an Engineering Query with
			information from Verizon cable records such as amount and location
			of bridged laps, number and location of load coils, location of digital loop carrier, or cable gauge at specific locations.
			toop currier, or cubie gauge at specific tocations.
1			E. If AT&T submits a service order for an
1			ADSL, HDSL, SDSL, IDSL or BRI ISDN Loop that has not been
			prequalified as required in accordance with subsection 11.2.12.2(B)
1			above, Verizon will query the service order back to AT&T for
]			qualification and will not accept such service order until the Loop has
}			been so prequalified (i.e. manual, mechanized, or engineering query).
1			If AT&T submits a service order for an ADSL, HDSL, SDSL, IDSL or
1			BRI ISDN Loop that is, in fact, found not to be compatible with such
			services in its existing condition, Verizon will respond back to AT&T with a "Nonqualified" indicator and with information showing
			whith a Nonqualified macator and with information snowing whether the non-qualified result is due to the presence of load coils.
			presence of digital loop carrier, or loop length (including bridged
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			147).
			F. Where AT&T has followed the manual or
			mechanized prequalification procedure described above resulting in
		,	the determination that a Loop is not compatible with ADSL, HDSL,
			SDSL, IDSL or BRI ISDN service in its existing condition (e.g., the results of the manual or mechanized prequalification query indicate
			that a Loop does not qualify due to factors such as the presence of
			load coils, presence of digital loop carrier, loop length (including
			bridged tap) or for any other reason that may be revealed through
			loop qualification), AT&T, together with its order or prior to submitting an order for service, may request an Engineering Query to
			determine whether conditioning may make the Loop compatible with
			the applicable service; or if AT&T is already aware of the
			conditioning required (e.g., where AT&T has previously requested a
			manual loop qualification or an Engineering Query), AT&T may submit a service order for a Digital Designed Loop. Verizon will
			undertake to condition or extend the Loop in accordance with this
			Section 11.2.9 upon receipt of AT&T's valid, accurate and pre-
			qualified service order for a Digital Designed Loop.
.			11.2.12.3 The Parties will make reasonable efforts to
			coordinate their respective roles in order to minimize Digital Design
		·	Loop provisioning problems. In general, unless and until a shorter
			period is required under Applicable Law, where conditioning or loop extensions are requested by AT&T, an interval of eighteen (18)
			business days will be required by Verizon to complete the loop
			analysis and the necessary construction work involved in conditioning
			and/or extending the loop as follows:
			A. Three (3) business days will be required
			following receipt of AT&T's valid, accurate and pre-qualified service
			order for a Digital Designed Loop to analyze the loop and related
			plant records and to create an Engineering Work Order.
			B. Upon completion of an Engineering
			Query, Verizon will initiate the construction order to perform the
			changes/modifications to the Loop requested by AT&T. Conditioning
			activities are, in most cases, able to be accomplished within fifteen (15) business days. Unforeseen conditions may add to this interval,
VEV WHERE DISTRI	CTION AMONG PETITIONERS IS NECESSARY: WA	LIG (LID C) (LID C) (LID C) (LID C)	(10) ousiness days. Onforeseen conditions may add to this interval,

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			unless such additional time is not permitted pursuant to Applicable Law.
			C. After the engineering and conditioning tasks have been completed, the standard Loop provisioning and installation process will be initiated, subject to Verizon's standard provisioning intervals.
			11.2.12.4 If AT&T requires a change in scheduling, it must contact Verizon to issue a supplement to the original service order. If AT&T cancels the request for conditioning after a loop analysis has been completed but prior to the commencement of construction work, AT&T shall compensate Verizon for an Engineering Work Order charge as set forth in Exhibit A. If AT&T cancels the request for conditioning after the loop analysis has been completed and after construction work has started or is complete, AT&T shall compensate Verizon for an Engineering Work Order charge as well as the charges associated with the conditioning tasks performed as set forth in Exhibit A.
III-10-B.5	Can Verizon require AT&T to p e-qualify aq loop for xDSL functionality?	See AT&T Contract Language For III-10.	See Verizon Contract Language For III-10-B-4.
III-10-B-	If AT&T elects not to pre-qualify a loop and the loop is not	See AT&T Contract Language For III.10.	See Verizon Contract Language For III-10-4.
5a	currently being used to provide services in the HFS, but was previously used to provide a service in the HFS, should Verizon be liable if the loop fails to meet the operating parameter of a qualified loop?		
III-10-B.6	Can AT&T, (or its authorized agent), at its option provide the splitter functionality in virtual, common (aka shared cageless) or traditional caged physical collogation?	See AT&T Contract Language For III.10.	See Verizon proposed contract language to AT&T at 111-10.
III-10-B.7	Must Verizon, at AT&T's reque. t, deploy a splitter on a line-at- a-time basis as an additional functionality of the loop?	See AT&T Contract Language For III-10.	
III-10-B.8	Must Verizon perform cross-cornection wiring at the direction of AT&T (or its authorized agent), including CLEC-to-CLEC cross-connections, regardless of who leploys a splitter or whether it is deployed in a line sharing or line splitting arrangement? (Pfau & Rubin)	See AT&T Contract Language For 111.10, in particular Section 1.4.2 (formerly Section 1.11.2)	See Verizon proposed contract language to AT&T at III-10.
III-10-B.9	Must Verizon implement line sharing/splitting in a manner consistent with that ordered in New York?	See AT&T Contract Language For III.10.	See§ 11.2.18 of Verizon proposed contract language to AT&T at III- 10.